

CLAIMS

What is claimed is:

1. A composition comprising a plurality of yeast cells, wherein said plurality of yeast cells are characterized by their ability to treat male sexual disorder in a mammal, said ability resulting from their having been cultured in the presence of an alternating electric field having a frequency in the range of about 7900-13200 MHz and a field strength in the range of about 240 to 500 mV/cm, as compared to yeast cells not having been so cultured.
2. The composition according to claim 1, wherein said male sexual disorder is impotence.
3. The composition of claim 1, wherein said frequency is in the range of about 7900-8000, 12700-12800, or 13050-13200 MHz.
4. The composition of claim 1, wherein said field strength is in the range of about 260-280, 290-320, 300-320, 310-340, 330-360, 350-380, 360-400, or 420-460 mV/cm.
5. The composition of claim 1, wherein said yeast cells are of the species selected from the group consisting of *Saccharomyces cerevisiae*, *Saccharomyces carlsbergensis*, *Saccharomyces rouxii*, *Saccharomyces sake*, *Saccharomyces uvarum*, *Saccharomyces sp.*, *Schizosaccharomyces pombe*, and *Rhodotorula aurantiaca*.
6. The composition of claim 1, wherein said yeast cells are derived from the strain deposited at the China General Microbiological Culture Collection Center with an accession number selected from the group consisting of *Saccharomyces cerevisiae* Hansen AS2.502 and AS2.69, *Saccharomyces sp.* AS2.311, *Schizosaccharomyces pombe* Lindner AS2.994, *Saccharomyces sake* Yabe ACCC2045, *Saccharomyces uvarum* Beijer IFFI1044, *Saccharomyces rouxii* Boutroux AS2.180, *Saccharomyces cerevisiae* Hansen Var. ellipsoideus AS2.612, *Saccharomyces carlsbergensis* Hansen AS2.377, and *Rhodotorula rubra* (Demme) Lodder AS2.282.

7. The composition of claim 1, wherein said composition is in the form of a tablet, powder, or a health drink.

8. The composition of claim 1, wherein said composition is in the form of a health drink.

5 9. A method of treating male sexual disorder in a subject, comprising administering the composition of claim 1 to the subject.

10. The method of claim 9 comprising oral administration.

11. The method of claim 9, wherein said male sexual disorder is impotence.

10 12. The method of claim 11 comprising oral administration.

13. A method of preparing a yeast composition, comprising culturing a plurality of yeast cells in the presence of an alternating electric field having a frequency in the range of about 7900 to 13200 MHz and a field strength in the range of about 240 to 500 mV/cm for a period of time sufficient to
15 substantially increase the capability of said plurality of yeast cells to treat male sexual disorder in a mammal.